

Claims

1. A molding composition made from linear polyoxymethylene copolymers which essentially have oxymethylene units and oxyethylene units as structural units in the polymer chain, where the proportion of oxyethylene units in the structural units of the polymer chain is from 1.5 to 2.5 mol%, preferably from 1.85 to 2.25 mol%.
2. A molding composition as claimed in claim 1, which has a formaldehyde emission, measured on sheets of wall thickness 1 mm after 24 hours in storage, in accordance with VDA 275, of less than 15 mg/kg, preferably less than 10 mg/kg.
3. A molding composition as claimed in claim 1 or 2, which has a modulus of elasticity in accordance with ISO 527 of from 2400 to 3100 N/mm², a yield stress in accordance with ISO 527 of from 60 to 70 N/mm² and a notched impact strength in accordance with ISO 179 at 23°C of from 4 to 12 MJ/mm².
4. A molding composition as claimed in any of claims 1 to 3, which comprises antioxidants, acid scavengers, stabilizers and colorants.
5. The use of a molding composition as claimed in any one of claims 1 to 4 for producing moldings which have a formaldehyde emission of less than 15 mg/kg, preferably less than 10 mg/kg.
6. The use of a molding composition as claimed in any one of claims 1 to 4 for producing colored moldings.
7. The use as claimed in claim 5 or 6 for low-emission moldings for interior fittings or interior cladding in means of transport, such as automobiles, aircraft and rail road cars.
8. The use as claimed in claim 5 or 6, for household products, recreational items, in particular children's toys, and items for babies.
9. The use as claimed in claim 5 or 6 for devices and components for electrical engineering and electronics.

10. The use as claimed in claim 5 or 6 for apparatuses and instruments for medical applications.